

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CA2004/001831

## A. CLASSIFICATION OF SUBJECT MATTER

According to International Patent Classification (IPC) or to both national classification and IPC  
IPC 7 H04L 12/22, H04L 9/00

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L 12/22, H04L 9/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base, and, where practicable, search terms used)

Canadian patent database, Delphion, Google and Esp@cenet  
Some search terms used: content distribution network, unauthorized usage, pay per view, pay per usage, signal usage record, receiver, satellite, digital cable, audit, network usage, pirated

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages    | Relevant to claim No. |
|-----------|---|-----------------------|
| A         | US2002021665 (Bhagavath et al.) 21 February 2002 (21-02-2002)<br>* see whole document | 1-55                  |
| A         | US2003018445 (Vince et al.) 23 January 2003 (23-01-2003)<br>* see whole document      | 1-55                  |

Further documents are listed in the continuation of Box C.

Patent family members are listed in annex.

|   |     |  |
|---|-----|--|
| * Special categories of cited documents :   | "T" | later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  |
| "A" document defining the general state of the art which is not considered to be of particular relevance  |     |  |
| "E" earlier application or patent but published on or after the international filing date   | "X" | document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone   |
| "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "Y" | document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| "O" document referring to an oral disclosure, use, exhibition or other means  |     |  |
| "P" document published prior to the international filing date but later than the priority date claimed  | "&" | document member of the same patent family  |

Date of the actual completion of the international-type search  
19 January 2005 (19-01-2005)

Date of mailing of the international-type search report  
25 February 2005 (25-02-2005)

Name and mailing address of the ISA/  
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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

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| Patent Document<br>Cited in Search Report | Publication<br>Date | Patent Family<br>Member(s) | Publication<br>Date |
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| US2002021665                              | 21-02-2002          | AU5754001 A                | 20-11-2001          |
|   |                     | CA2408233 A1               | 15-11-2001          |
|   |                     | CN1433615T T               | 30-07-2003          |
|   |                     | EP1282955 A2               | 12-02-2003          |
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|   |                     | JP2004507908T T            | 11-03-2004          |
|   |                     | US2002021665 A1            | 21-02-2002          |
|   |                     | WO0186877 A2               | 15-11-2001          |
| US2003018445                              | 23-01-2003          | CA2394112 A1               | 19-01-2003          |
|   |                     | EP1280354 A2               | 29-01-2003          |
|   |                     | US2003018445 A1            | 23-01-2003          |